

REMARKS

This is a full and timely response to the outstanding non-final Office Action mailed February 22, 2008. Reconsideration and allowance of the application and presently pending claims are respectfully requested.

1. Response to Rejection of Claims under 35 U.S.C. § 102 (e)

Claims 1-3 have been rejected under 35 U.S.C. § 102(e) as being anticipated by *Dutta* (U.S. Patent Publication No. 2002/0135800). Applicants respectfully traverse this rejection.

It is axiomatic that “[a]nticipation requires the disclosure in a single prior art reference of each element of the claim under consideration.” *W. L. Gore & Associates, Inc. v. Garlock, Inc.*, 721 F.2d 1540, 1554, 220 USPQ 303, 313 (Fed. Cir. 1983). Therefore, every claimed feature of the claimed invention must be represented in the applied reference to constitute a proper rejection under 35 U.S.C. § 102(e).

In the present case, not every feature of the claimed invention is represented in the *Dutta* reference. Applicants discuss the *Dutta* reference and Applicants' claims in the following.

a. Claim 1

As provided in independent claim 1, Applicants claim:

A method comprising:
receiving a user selection of one or more non-printer-specific print options via a network service;
storing the user selection of the one or more non-printer-specific print options in a user profile store;
wherein the one or more non-printer-specific print options are identified for subsequent resolution, and

wherein the one or more non-printer-specific print options can be applied to a plurality of other network services, the non-printer-specific print options serving to configure a printer in a particular manner for printing, the particular manner defined by the one or more print non-printer-specific options submitted with a print request to the printer where the one or more non-printer-specific options are used in printing a document and the printer applies requested print options that the printer supports in

accordance with the non-printer-specific print options that are identified in the print request.

(Emphasis added).

Applicants respectfully submit that independent claim 1 is allowable for at least the reason that *Dutta* does not disclose, teach, or suggest at least “wherein the one or more non-printer-specific print options can be applied to a plurality of other network services, the non-printer-specific print options serving to configure a printer in a particular manner for printing, the particular manner defined by the one or more print non-printer-specific options submitted with a print request to the printer where the one or more non-printer-specific options are used in printing a document and the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request,” as emphasized above.

Rather, *Dutta* describes a print filter that is activated when a user requests to print a document. See para. 0055. The print filter modifies a version of the document to be printed so that less printing resources are used in printing the document. See para. 0075. For example, *Dutta* describes that tables may be removed from a document which reduces the use of ink in printing the document. See para. 0068. Accordingly, *Dutta* is not directed to non-printer-specific print options serving to configure a printer in a particular manner for printing. For at least this reason, *Dutta* fails to teach or suggest at least “wherein the one or more non-printer-specific print options can be applied to a plurality of other network services, the non-printer-specific print options serving to configure a printer in a particular manner for printing, the particular manner defined by the one or more print non-printer-specific options submitted with a print request to the printer where the one or more non-printer-specific options are used in printing a document and the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request,” as recited in claim 1.

For at least these reasons, claim 1 is not anticipated by *Dutta*, and the rejection should be withdrawn.

b. Claims 2-3

Claim 1 is allowable over the cited art of record for at least the reasons given above. Since claims 2-3 depend from claim 1 and recite additional features, claims 2-3 are allowable as a matter of law over the cited art of record.

2. Response to Rejection of Claims under 35 U.S.C. § 103(a)

Claims 4, 5, and 7-25 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over *Dutta* in view of *Vidyanand* (U.S. Patent No. 6,967,728). Applicants respectfully traverse this rejection.

a. Claim 4

Claim 1 is allowable over *Dutta* for at least the reasons given above. *Vidyanand* fails to remedy the deficiencies of *Dutta* with respect to claim 1. Since claim 4 depends from claim 1 and recites additional features, claim 4 is allowable as a matter of law over the cited art of record.

b. Claim 5

As provided in independent claim 5, Applicants claim:

One or more computer readable media encoded with a plurality of instructions that, when executed by one or more processors, causes the one or more processors to perform acts including:

communicating a plurality of possible print options to a client computer;

receiving a user indication of selected ones of the plurality of possible print options;

receiving an identifier, indicated by the user, associated with the selected print options;

saving the selected print options with the associated identifier; and

making the selected print options subsequently available to the user for configuring of a plurality of printers in a particular manner, the particular manner defined by the one or more print options submitted with a print request to a respective one of the plurality of printers where the one or more options are used in printing a document, wherein each of the plurality of print options is not specific to a particular printer and the respective one of the plurality of printers applies requested print options that the printer

supports in accordance with the non-printer-specific print options that are identified in the print request.

(Emphasis added).

Applicants respectfully submit that independent claim 5 is allowable for at least the reason that *Dutta* in view of *Vidyanand* does not disclose, teach, or suggest at least “making the selected print options subsequently available to the user for configuring of a plurality of printers in a particular manner, the particular manner defined by the one or more print options submitted with a print request to a respective one of the plurality of printers where the one or more options are used in printing a document, wherein each of the plurality of print options is not specific to a particular printer and the respective one of the plurality of printers applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request,” as emphasized above.

Rather, *Dutta* describes a print filter that is activated when a user requests to print a document. See para. 0055. The print filter modifies a version of the document to be printed so that less printing resources are used in printing the document. See para. 0075. For example, *Dutta* describes that tables may be removed from a document which reduces the use of ink in printing the document. See para. 0068. Accordingly, *Dutta* is not directed to non-printer-specific print options serving to configure a printer in a particular manner for printing. For at least this reason, *Dutta* fails to teach or suggest at least “making the selected print options subsequently available to the user for configuring of a plurality of printers in a particular manner, the particular manner defined by the one or more print options submitted with a print request to a respective one of the plurality of printers where the one or more options are used in printing a document, wherein each of the plurality of print options is not specific to a particular printer and the respective one of the plurality of printers applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request,” as recited in claim 5.

Further, *Vidyanand* discloses at most a “printer driver control interface [that] allows sets 16 to be defined and reused for a particular connected printer 26.” Col. 6, lines 6-14 (Emphasis added). “As well, within the entire set of printer driver categories

47a-47n is typically a printer specific subset 49b of settings 47j-47n which are specific to a particular printer 26, based on the feature set 28 (i.e., the capabilities) of that printer 26 (e.g., duplex, sorting, finishing options).” Col. 5, lines 54-59. As such, *Vidyanand* teaches that preferences specific to a particular printer may be transferred to and reused by another printer. For example, *Vidyanand* describes that a “set 16 of printer preferences 18 . . . is defined on the first client computer 12a, and is specified to perform a particular type of print job 21 at the first printer 26a.” Col. 8, lines 49-52. As such, *Vidyanand* does not disclose a selection of one or more non-printer-specific print options. Accordingly, *Vidyanand* individually or in combination with *Dutta* fails to teach or suggest at least “making the selected print options subsequently available to the user for configuring of a plurality of printers in a particular manner, the particular manner defined by the one or more print options submitted with a print request to a respective one of the plurality of printers where the one or more options are used in printing a document, wherein each of the plurality of print options is not specific to a particular printer and the respective one of the plurality of printers applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request,” as recited in claim 5.

For at least these reasons, claim 5 is patentable over *Dutta* in view of *Vidyanand*, and the rejection should be withdrawn.

d. Claim 7-8

Claim 5 is allowable over the cited art of record for at least the reasons given above. Since claims 7-8 depend from claim 5 and recite additional features, claims 7-8 are allowable as a matter of law over the cited art of record.

e. Claim 9

As provided in independent claim 9, Applicants claim:

A graphical user interface comprising:
a plurality of portions illustrating user-selectable non-printer-specific
print options and graphical mechanisms via which a user can
select the print options;

an additional user-input mechanism via which the user can input an identifier of the selected non-printer-specific print options; and

another graphical mechanism via which the user can indicate a desire to save the selected non-printer-specific print options as associated with the identifier and for subsequent provision to a plurality of printers, the print options serving to configure a printer in a particular manner for printing, the particular manner defined by the one or more non-printer-specific print options submitted with a print request to a respective one of the plurality of printers where the one or more non-printer-specific print options are used in printing a document and the respective one of the plurality of printers applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request.

(Emphasis added).

Applicants respectfully submit that independent claim 9 is allowable for at least the reason that *Dutta* in view of *Vidyanand* does not disclose, teach, or suggest at least “another graphical mechanism via which the user can indicate a desire to save the selected non-printer-specific print options as associated with the identifier and for subsequent provision to a plurality of printers, the print options serving to configure a printer in a particular manner for printing, the particular manner defined by the one or more non-printer-specific print options submitted with a print request to a respective one of the plurality of printers where the one or more non-printer-specific print options are used in printing a document and the respective one of the plurality of printers applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request,” as emphasized above.

Rather, *Dutta* describes a print filter that is activated when a user requests to print a document. See para. 0055. The print filter modifies a version of the document to be printed so that less printing resources are used in printing the document. See para. 0075. For example, *Dutta* describes that tables may be removed from a document which reduces the use of ink in printing the document. See para. 0068. Accordingly, *Dutta* is not directed to non-printer-specific print options serving to configure a printer in a particular manner for printing. For at least this reason, *Dutta* fails to teach or suggest at least “another graphical mechanism via which the user can indicate a desire to save the selected non-printer-specific print options as associated

with the identifier and for subsequent provision to a plurality of printers, the print options serving to configure a printer in a particular manner for printing, the particular manner defined by the one or more non-printer-specific print options submitted with a print request to a respective one of the plurality of printers where the one or more non-printer-specific print options are used in printing a document and the respective one of the plurality of printers applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request," as recited in claim 9.

Further, *Vidyanand* discloses at most a "printer driver control interface [that] allows sets 16 to be defined and reused for a particular connected printer 26." Col. 6, lines 6-14 (Emphasis added). "As well, within the entire set of printer driver categories 47a-47n is typically a printer specific subset 49b of settings 47j-47n which are specific to a particular printer 26, based on the feature set 28 (i.e., the capabilities) of that printer 26 (e.g., duplex, sorting, finishing options)." Col. 5, lines 54-59. As such, *Vidyanand* teaches that preferences specific to a particular printer may be transferred to and reused by another printer. For example, *Vidyanand* describes that a "set 16 of printer preferences 18 . . . is defined on the first client computer 12a, and is specified to perform a particular type of print job 21 at the first printer 26a." Col. 8, lines 49-52. As such, *Vidyanand* does not disclose a selection of one or more non-printer-specific print options. Accordingly, *Vidyanand* individually or in combination with *Dutta* fails to teach or suggest at least "another graphical mechanism via which the user can indicate a desire to save the selected non-printer-specific print options as associated with the identifier and for subsequent provision to a plurality of printers, the print options serving to configure a printer in a particular manner for printing, the particular manner defined by the one or more non-printer-specific print options submitted with a print request to a respective one of the plurality of printers where the one or more non-printer-specific print options are used in printing a document and the respective one of the plurality of printers applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request," as recited in claim 9.

For at least these reasons, claim 9 is patentable over *Dutta* in view of *Vidyanand*, and the rejection should be withdrawn.

f. Claims 10-14

Claim 9 is allowable over the cited art of record for at least the reasons given above. Since claims 10-14 depend from claim 9 and recite additional features, claims 10-14 are allowable as a matter of law over the cited art of record.

g. Claim 15

As provided in independent claim 15, Applicants claim:

One or more computer readable media having stored thereon a plurality of instructions that, when executed by one or more processors, causes the one or more processors to perform acts including:

receiving an indication of one of a plurality of sets of non-printer-specific print options to be used in printing a document irrespective of a printer on which the document is to be printed, the non-printer-specific print options serving to configure the printer in a particular manner for printing, the particular manner defined by the one or more non-printer-specific print options submitted with a print request to a printer where the one or more non-printer-specific print options are used in printing the document;

receiving an indication of one of a plurality of printers on which the document is to be printed; and

communicating the indicated set of non-printer-specific print options to the indicated printer irrespective of whether the printer supports one or more of the non-printer-specific print options identified in the set of non-printer-specific print options, wherein the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request.

(Emphasis added).

Applicants respectfully submit that independent claim 9 is allowable for at least the reason that *Dutta* in view of *Vidyanand* does not disclose, teach, or suggest at least “communicating the indicated set of non-printer-specific print options to the indicated printer irrespective of whether the printer supports one or more of the non-printer-specific print options identified in the set of non-printer-specific print options, wherein the printer applies requested print options that the printer supports in accordance with

the non-printer-specific print options that are identified in the print request," as emphasized above.

Rather, *Dutta* describes a print filter that is activated when a user requests to print a document. See para. 0055. The print filter modifies a version of the document to be printed so that less printing resources are used in printing the document. See para. 0075. For example, *Dutta* describes that tables may be removed from a document which reduces the use of ink in printing the document. See para. 0068. Accordingly, *Dutta* is not directed to non-printer-specific print options serving to configure a printer in a particular manner for printing. For at least this reason, *Dutta* fails to teach or suggest at least "communicating the indicated set of non-printer-specific print options to the indicated printer irrespective of whether the printer supports one or more of the non-printer-specific print options identified in the set of non-printer-specific print options, wherein the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request," as recited in claim 15.

Further, *Vidyanand* discloses at most a "printer driver control interface [that] allows sets 16 to be defined and reused for a particular connected printer 26." Col. 6, lines 6-14 (Emphasis added). "As well, within the entire set of printer driver categories 47a-47n is typically a printer specific subset 49b of settings 47j-47n which are specific to a particular printer 26, based on the feature set 28 (i.e., the capabilities) of that printer 26 (e.g., duplex, sorting, finishing options)." Col. 5, lines 54-59. As such, *Vidyanand* teaches that preferences specific to a particular printer may be transferred to and reused by another printer. For example, *Vidyanand* describes that a "set 16 of printer preferences 18 . . . is defined on the first client computer 12a, and is specified to perform a particular type of print job 21 at the first printer 26a." Col. 8, lines 49-52. As such, *Vidyanand* does not disclose a selection of one or more non-printer-specific print options. Accordingly, *Vidyanand* individually or in combination with *Dutta* fails to teach or suggest at least "communicating the indicated set of non-printer-specific print options to the indicated printer irrespective of whether the printer supports one or more of the non-printer-specific print options identified in the set of non-printer-specific print options, wherein the printer applies requested print options that the printer supports in

accordance with the non-printer-specific print options that are identified in the print request," as recited in claim 15.

For at least these reasons, claim 15 is patentable over *Dutta* in view of *Vidyanand*, and the rejection should be withdrawn.

h. Claims 16-18

Claim 15 is allowable over the cited art of record for at least the reasons given above. Since claims 16-18 depend from claim 15 and recite additional features, claims 16-18 are allowable as a matter of law over the cited art of record.

i. Claim 19

As provided in independent claim 19, Applicants claim:

A system comprising:
a network interface configured to allow the system to communicate with one or more other systems via a network; and
a printer configuration user interface, communicatively coupled to the network interface and, wherein the printer configuration user interface is configured to allow a user of a client interface to select print options and group the selection together as a configuration associated with a particular name, and wherein the printer configuration user interface is further configured to allow the user to select print options without regard for print options supported by a printer that the user can subsequently print to, the print options serving to configure the printer in a particular manner for printing, the particular manner defined by the one or more print options submitted with a print request to the printer where the one or more options are used in printing the document and ***to direct transmission of the configuration to a remote storage location for subsequent retrieval by this printer configuration user interface or another printer configuration user interface, wherein each of the plurality of print options is not specific to a particular printer and the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request.***

(Emphasis added).

Applicants respectfully submit that independent claim 19 is allowable for at least the reason that *Dutta* in view of *Vidyanand* does not disclose, teach, or suggest at least

"to direct transmission of the configuration to a remote storage location for subsequent retrieval by this printer configuration user interface or another printer configuration user interface, wherein each of the plurality of print options is not specific to a particular printer and the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request," as emphasized above.

Rather, *Dutta* describes a print filter that is activated when a user requests to print a document. See para. 0055. The print filter modifies a version of the document to be printed so that less printing resources are used in printing the document. See para. 0075. For example, *Dutta* describes that tables may be removed from a document which reduces the use of ink in printing the document. See para. 0068. Accordingly, *Dutta* is not directed to non-printer-specific print options serving to configure a printer in a particular manner for printing. For at least this reason, *Dutta* fails to teach or suggest at least "to direct transmission of the configuration to a remote storage location for subsequent retrieval by this printer configuration user interface or another printer configuration user interface, wherein each of the plurality of print options is not specific to a particular printer and the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request," as recited in claim 19.

Further, *Vidyanand* discloses at most a "printer driver control interface [that] allows sets 16 to be defined and reused for a particular connected printer 26." Col. 6, lines 6-14 (Emphasis added). "As well, within the entire set of printer driver categories 47a-47n is typically a printer specific subset 49b of settings 47j-47n which are specific to a particular printer 26, based on the feature set 28 (i.e., the capabilities) of that printer 26 (e.g., duplex, sorting, finishing options)." Col. 5, lines 54-59. As such, *Vidyanand* teaches that preferences specific to a particular printer may be transferred to and reused by another printer. For example, *Vidyanand* describes that a "set 16 of printer preferences 18 . . . is defined on the first client computer 12a, and is specified to perform a particular type of print job 21 at the first printer 26a." Col. 8, lines 49-52. As such, *Vidyanand* does not disclose a selection of one or more non-printer-specific print options. Accordingly, *Vidyanand* individually or in combination with *Dutta* fails to teach

or suggest at least “to direct transmission of the configuration to a remote storage location for subsequent retrieval by this printer configuration user interface or another printer configuration user interface, wherein each of the plurality of print options is not specific to a particular printer and the printer applies requested print options that the printer supports in accordance with the non-printer-specific print options that are identified in the print request,” as recited in claim 19.

For at least these reasons, claim 19 is patentable over *Dutta* in view of *Vidyanand*, and the rejection should be withdrawn.

j. Claims 20-21

Claim 19 is allowable over the cited art of record for at least the reasons given above. Since claims 20-21 depend from claim 19 and recite additional features, claims 20-21 are allowable as a matter of law over the cited art of record.

k. Claim 22

As provided in independent claim 22, Applicants claim:

A method, implemented in a print service coupled to a network, the method comprising:

receiving, from a device in the network, a print request identifying both a document to be printed and a set of desired non-printer-specific print options, wherein the set of desired non-printer-specific print options includes a corresponding setting for one or more of the desired non-printer-specific print options;

checking whether a printer corresponding to the print service supports the desired non-printer-specific print options; and

for each option in the set of desired non-printer-specific print options,

applying the setting corresponding to the option if the printer supports the non-printer-specific print option, and

ignoring the setting corresponding to the option if the printer does not support the non-printer-specific print option.

(Emphasis added).

Applicants respectfully submit that independent claim 22 is allowable for at least the reason that *Dutta* in view of *Vidyanand* does not disclose, teach, or suggest at least “applying the setting corresponding to the option if the printer supports the non-printer-

specific print option, and ignoring the setting corresponding to the option if the printer does not support the non-printer-specific print option,” as emphasized above.

Rather, *Dutta* describes a print filter that is activated when a user requests to print a document. See para. 0055. The print filter modifies a version of the document to be printed so that less printing resources are used in printing the document. See para. 0075. For example, *Dutta* describes that tables may be removed from a document which reduces the use of ink in printing the document. See para. 0068. Accordingly, *Dutta* is not directed to non-printer-specific print options serving to configure a printer in a particular manner for printing. For at least this reason, *Dutta* fails to teach or suggest at least “applying the setting corresponding to the option if the printer supports the non-printer-specific print option, and ignoring the setting corresponding to the option if the printer does not support the non-printer-specific print option,” as recited in claim 22.

Further, *Vidyanand* discloses at most a “printer driver control interface [that] allows sets 16 to be defined and reused for a particular connected printer 26.” Col. 6, lines 6-14 (Emphasis added). “As well, within the entire set of printer driver categories 47a-47n is typically a printer specific subset 49b of settings 47j-47n which are specific to a particular printer 26, based on the feature set 28 (i.e., the capabilities) of that printer 26 (e.g., duplex, sorting, finishing options).” Col. 5, lines 54-59. As such, *Vidyanand* teaches that preferences specific to a particular printer may be transferred to and reused by another printer. For example, *Vidyanand* describes that a “set 16 of printer preferences 18 . . . is defined on the first client computer 12a, and is specified to perform a particular type of print job 21 at the first printer 26a.” Col. 8, lines 49-52. As such, *Vidyanand* does not disclose a selection of one or more non-printer-specific print options. Accordingly, *Vidyanand* individually or in combination with *Dutta* fails to teach or suggest at least “applying the setting corresponding to the option if the printer supports the non-printer-specific print option, and ignoring the setting corresponding to the option if the printer does not support the non-printer-specific print option,” as recited in claim 22.

For at least these reasons, claim 22 is patentable over *Dutta* in view of *Vidyanand*, and the rejection should be withdrawn.

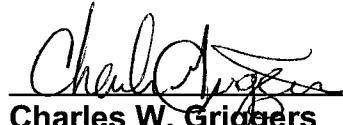
I. Claims 23-25

Claim 22 is allowable over the cited art of record for at least the reasons given above. Since claims 23-25 depend from claim 22 and recite additional features, claims 23-25 are allowable as a matter of law over the cited art of record.

CONCLUSION

For at least the reasons set forth above, Applicants respectfully submit that all objections and/or rejections have been traversed, rendered moot, and/or accommodated, and that the pending claims are in condition for allowance. Favorable reconsideration and allowance of the present application and all pending claims are hereby courteously requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned agent at (770) 933-9500.

Respectfully submitted,



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